

**ABSTRACT OF THE DISCLOSURE****APPARATUS AND METHOD FOR PROVIDING ACCESS TO A DATA  
5 STREAM BY A PLURALITY OF USERS AT A SAME TIME**

An apparatus and method for providing access to a data stream by a plurality of users at a same time. The apparatus and method include a data stream splitter manager which listens for new connections from client devices. When a new connection from a client device is identified, the data stream splitter manager generates a pseudo-terminal for the client device and adds the client device and pseudo-terminal information to a data stream splitter table. In addition, if a data stream splitter is not already established for handling data transfer between the data stream splitter manager and a requested resource, a new data stream splitter may be generated to handle the data transfer. Thereafter, the data stream splitter searches the data stream splitter table for client devices participating in a session for sharing the system resource. Data from a data stream associated with the shared system resource is sent by the data stream splitter to the pseudo-terminals associated with the client devices. Data from the client devices is sent to the pseudo-terminals and then to the data stream via the data stream splitter. In this way, each client device involved in the session has full access to the shared system resource and output from the shared system resource is provided to each of the client devices involved in the session.